

49. A computer-readable medium having computer-executable instructions stored thereon for causing a computer system to generate a connection between a source object and a sink object, the sink object having an instance of a notification interface for receiving communications from the source object, the notification interface having an associated interface identifier, the source object having instances of a connection point interface, each instance of the connection point interface having an associated interface identifier, the computer system directed by said instructions to perform the steps comprising:

receiving a request to identify instances of the connection point interface;

sending a reference to each instance of the connection point interface, wherein from each reference the sink object obtains an indication of the interface identifier associated with the instance;

receiving, through one of the instances of the connection point interface, a request to connect the source object and the sink object, the request having a reference to the notification interface instance of the sink object, wherein the interface identifier associated with the receiving connection point interface corresponds to the interface identifier associated with the notification interface of the sink object; and

storing the reference to the notification interface instance, wherein the source object communicates with the sink object using the stored reference to the notification interface instance.

50. A computer-readable medium having computer-executable instructions for causing a computer system to dynamically notify a sink object from a source object, the computer system having a plurality of sink objects and source objects, each sink object having a notification interface, each source object having a connection point for referencing one or more notification interfaces, the computer system performing a method comprising:

selecting a notification interface of the sink object;

selecting a corresponding connection point of the source object, the selection based upon the notification interface that is selected;

connecting the connection point selected and the notification interface selected, wherein a reference to the selected notification interface is stored by the selected connection point; and

invoking the selected notification interface referred to by the stored reference to effect notification of the sink object.